

WHAT IS CLAIMED IS:

Sub D1

1. A method of extinguishing a fire, comprising the steps of
 - a) providing an engine;
 - b) providing a blower connected to the engine for providing an output stream of air;
 - c) driving the blower with the engine;
 - d) diverting engine exhaust into the air stream, and
 - e) directing the air stream from the blower with the output hose at the fire.
2. The method of Claim 1, the step of diverting the exhaust comprises diverting the exhaust into blower before the output hose.
3. The method of Claim 1, further comprises providing a Y-shaped valve which has an input leg and two output legs and wherein the step of diverting comprises directing the exhaust through the Y-shaped valve.
4. The method of Claim 1, further comprises providing valve means, and the step of diverting includes directing the exhaust flow with the valve means.

5. The method of Claim 4, wherein the step of diverting further comprises providing means for tapping into the blower air stream before the blower exhaust; the step of diverting the exhaust includes mixing the exhaust with the tapped air and moving the mixed air and exhaust through the valve.

6. The method of Claim 5, wherein the step of diverting further comprises either diverting the mixed air and exhaust by the valve means so as to divert the air exhaust selectively to the blower output.

7. A method of starting back fires of the type required where there is a pre-existing fire, comprising the steps of

- a) starting a fire,
- b) providing a device capable of producing an air stream;
- c) producing the air stream,
- d) directing the air stream at the fire, and
- e) causing the fire to spread in a controlled manner.

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7. The method of Claim 6, wherein the step of causing the fire to spread in a controlled manner comprises directing the fire toward the prior fire.

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8. The method of claim 6, further comprises providing an air output hose; directing the air stream with the air output hose.

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9. The method of claim 8, further comprises providing a blower driven by an engine and creating the air stream by the blower engine.

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10. A device for diverting gas comprising,
a) an exhaust inlet, and at least two exhaust outlets,
b) a valve member for selectively diverting the gas into either the exhaust outlet or exhaust bypass; and
c) the valve comprises a planar valve member pivotally connected at the junction of the inlet and two exhaust outlet; and
d) means for pivotally moving said planar valve member from a first position to a second position to alternatively block the flow of the gas out of the first or second exhaust outlets.

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11. The device of Claim 10, further comprising a valve rod and a pivot pin; said valve rod is pivotally connected to said pivot pin, said valve rod extending from said pin for manipulating said valve.

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12. The device of Claim 11, further comprising a cable attached to said valve rod for moving said valve shutter body between said first and second positions.

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13. The device of Claim 12, wherein said inlet and exhaust outlets comprise a substantially Y-shaped valve and said device further comprises guide means secured to said pipe for guiding said cable.

15 A device for extinguishing fires and starting back fires, comprising

- a) an engine and blower means, said engine operating said blower means to create an air stream,
- b) an air output hose for directing said air stream at a fire or back fire,

and

- c) at least one hose for selectively diverting the exhaust into said air stream.

16. The device of claim 15, further comprises a pipe; said hose comprises an exhaust delivery hose and at an exhaust output hose connected to said pipe, said exhaust delivery hoses connected to the pipe and the air blower means proximate said air output hose.

17. A device according to Claim 16 wherein, said pipe comprises an exhaust inlet, an exhaust outlet and an exhaust bypass, and a valve for selectively diverting the exhaust into one of the exhaust outlet or exhaust bypass.

18. The device of Claim 17, wherein said valve is located at the junction of the exhaust outlet and the exhaust bypass.

19. The device of claim 18, wherein said valve comprises a shutter body pivotally attached to a pivot pin.

20. The device of claim 19, further comprising a valve rod secured to said pivot pin and extending without said pipe.

21. The pipe of claim 20, further comprising a cable attached to the valve rod for moving said valve shutter body from a first position, blocking the exhaust outlet to a second position blocking the exhaust bypass.

22. The pipe of claim 23, further comprising a bracket attached to said pipe, the bracket having a guide for the cable.

23. The pipe of claim 24, wherein said bracket is attached to the exhaust bypass.

24. A valve of the type having an inlet port and two outlet ports,

a) said valve comprises a shutter body and a pivot pin, said shutter body being secured to said pivot pin,

b) a valve rod connected to and extending from said pivot pin and

c) a cable attached to said valve rod for moving said valve shutter body from a first position blocking one outlet port to a second position unblocking the first outlet port and blocking the second outlet port.

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